Common Core Standards - Resource Page

The resources below have been created to assist teachers' understanding and to aid instruction of this standard.

Domain	**Standard:** F.LE.1b - Recognize situations in which one quantity changes at a constant rate per unit interval relative to another. *(Modeling Standard)
Linear, Quadratic, and Exponential Models **Construct and compare linear, quadratic, and exponential models and solve problems**	Questions to Focus Learning What real-world situations can be modeled by linear functions? Real-world situations in which the rate of change of a quantity is constant may be modeled by linear functions. Student Friendly Objectives *Knowledge Targets* I know that slope is a rate of change and is constant for a linear function for its entire domain. *Reasoning Targets* I can recognize a linear function when analyzing a table, a graph, or function rule. I can determine the rate of change of a linear function. I can describe the rate of change of a linear function in context. Vocabulary constant domain range rate of change slope Teacher Tips Address this standard by presenting functions in tabular, algebraic, and graphical forms.

	Vertical Progression F.LE.2 - Construct linear and exponential functions, including arithmetic and geometric sequences, given a graph, a description of a relationship, or two input-output pairs (include reading these from a table). *(Modeling Standard) F.LE.3 - Observe using graphs and tables that a quantity increasing exponentially eventually exceeds a quantity increasing linearly, quadratically, or (more generally) as a polynomial function. *(Modeling Standard)

The above information and more can be accessed for free on the Wiki-Teacher website.
Direct link for this standard: F.LE.1b